

**SUBSTITUTE SPECIFICATION**

**PC-ARRANGEMENT FOR VISUALISATION, DIAGNOSIS AND EXPERT  
SYSTEMS FOR MONITORING, CONTROLLING AND REGULATING HIGH  
VOLTAGE SUPPLY UNITS OF ELECTRIC FILTERS**

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[0001] This application is the national phase under 35 U.S.C. § 371 of PCT International Application No. PCT/DE03/00770 which has an International filing date of March 11, 2003, which designated the United States of America and which claims priority on German Patent Application number DE 102 14 185.1 filed March 28, 2002, the entire contents of which are hereby incorporated herein by reference.

**Field of the Invention**

[0002] The invention generally relates to a PC arrangement for visualization, diagnosis and expert systems for monitoring and controlling or regulating high-voltage supply units for electrostatic filters, having a server PC, which is linked by way of a first network to the high-voltage supply units for the electrostatic filter, and client PCs, which form a second network with the server PC.

**Background of the Invention**

[0003] The control and optimization of high-voltage supply units is essential to the operational reliability, the efficiency and the operation of the electrostatic filter. For the purpose of controlling the visualization system remotely, special remote access software is used in the case of known PC arrangements such as these. It is also possible to achieve the desired network functionality using OPC servers, in which case, however, it is only possible to update data cyclically. Event-controlled data